

# Iowa Crops & Weather



Iowa Agricultural Statistics  
210 Walnut, Room 833 • Des Moines, Iowa 50309-2195  
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • [nass-ia@nass.usda.gov](mailto:nass-ia@nass.usda.gov)  
To access NASS reports - <http://www.usda.gov/nass/>



Issued May 2, 2005

Vol. 05-09

For the week ending May 1, 2005

### Cold Slows Crop Development

Cool weather slowed emergence of crops—especially corn. Corn that has emerged is reported to be yellowed due to the week's cool and cloudy weather. Operators are anxiously awaiting warmer temperatures and sunny skies.

There were 4.5 **days suitable for fieldwork**, up from just 2.6 days the previous week. **Topsoil moisture** rated 1 percent very short, 6 percent short, 82 percent adequate, and 11 percent surplus across Iowa. **Subsoil moisture** rated 1 percent very short, 8 percent short, 80 percent adequate, and 11 percent surplus.

Field Crops Report: **Oat seedings** were 99 percent complete, equal to last year's progress but ahead of the 5-year average of 95 percent. **Oat emergence** was 82 percent complete, ahead of last year's 73 percent and the 5-year average of 63 percent. **Corn planted** was 54 percent, 15 percentage points behind last year's progress of 69 percent but 4 percent ahead of the 5-year average of 50 percent. **Corn emergence** was at 5 percent. **Soybean plantings** are underway at 3 percent, behind both last year's 8 percent and the 5-year average of 6 percent. **Primary seedbed preparations** were 81 percent complete, while **fertilizer applications** were 91 percent complete.

Livestock, Pasture and Range Report: Livestock are reported to be in good condition. Isolated reports of scours were received. A few reports of flu in hogs were also collected. **Pasture and range** conditions declined from the previous week to 0 percent

very poor, 5 percent poor, 21 percent fair, 61 percent good, and 13 percent excellent. Cool temperatures have slowed pasture growth.

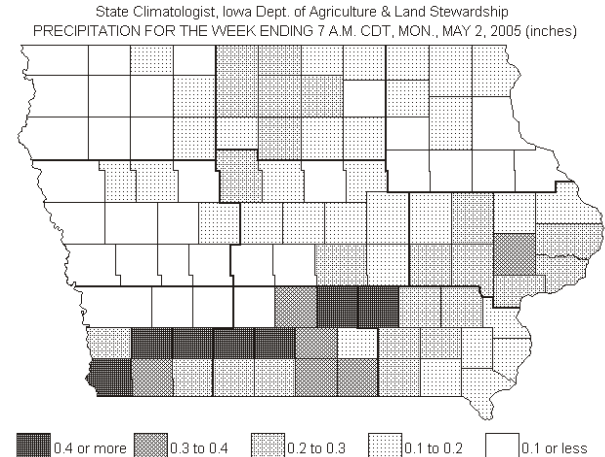
### Iowa Weather Summary

It was an unseasonably cold week across Iowa with temperatures averaging 9.5 degrees below normal. Monday (25th) was the warmest day with daytime highs ranging from the upper 50's west to 70 degrees at Clinton and Lowden. High temperatures from Tuesday (26th) through Saturday (30th) were mostly in the 50's and were only in the 40's on Sunday (1st). Overnight lows dipped into the 20's somewhere in the state on every night of the reporting week. Sibley reported the lowest temperature with 23 degrees on Thursday (28th) morning.

Light rain fell nearly statewide on Monday (25th) and Tuesday (26th) with a few small areas of showers on Wednesday (27th). An area of rain passed over extreme southern Iowa on Thursday (28th) morning. Mostly dry weather prevailed over the weekend. However, snow flurries were reported across the northeast one-half of the state on Sunday (1st) into Monday (2nd) morning with Cresco reporting a three-tenths of an inch accumulation. This was the first accumulating May snowfall in Iowa since May 1, 1997. Weekly precipitation totals varied from only traces at Underwood and Guthrie Center to 0.70 inches at Columbia (Marion Co.). The statewide average precipitation was 0.17 inches while normal for the week is 0.86 inches.

### Statewide Crop Conditions as of May 1, 2005

Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Range & Pasture	0	5	21	61	13



### Field Work and Crop Progress as of May 1, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed	85	86	86	92	95	96	96	93	91	91	82	92	86
Seedbed, primary preparation completed	75	72	81	82	85	90	78	87	89	81	68	85	80
Corn planted	60	42	47	50	62	69	45	36	70	54	17	69	50
Corn emerged	1	3	2	4	10	6	4	7	14	5	2	8	4
Soybeans planted	1	1	4	2	3	5	3	6	9	3	0	8	6
Oats planted	100	98	100	100	99	100	99	96	99	99	92	99	95
Oats emerged	75	76	83	78	81	90	83	77	86	82	60	73	63

### Days Suitable & Soil Moisture Condition as of May 1, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days 4.8	Days 3.6	Days 5.7	Days 5.0	Days 4.8	Days 4.6	Days 3.9	Days 2.9	Days 3.8	Days 4.5	Days 2.6	Days 3.0
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	0	0	1	1	0	4	0	0	0	1	0	1
Short	1	1	15	5	2	20	10	2	3	6	4	17
Adequate	89	79	75	88	86	74	88	71	86	82	80	77
Surplus	10	20	9	6	12	2	2	27	11	11	16	5
Subsoil moisture												
Very short	0	0	1	5	0	1	3	1	0	1	0	6
Short	0	5	21	8	4	13	10	9	6	8	9	24
Adequate	73	83	69	81	83	86	85	76	86	80	77	68
Surplus	27	12	9	6	13	0	2	14	8	11	14	2

Weather Summary For Iowa Agricultural Statistics Service										
Prepared by AWIS, Inc.										
For the week ending: Sunday, May 1, 2005										
STATION	CURRENT WEEK					SINCE APRIL 1		CURRENT WEEK		
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	60	24	42	-9	0.06	-0.64	1.86	-1.05	0	-25
	62	25	43	-12	0.08	-0.55	2.96	0.41	0	-39
	61	25	42	-10	0.05	-0.65	5.22	2.41	0	-31
	52	28	41	-10	0.14	-0.49	2.75	0.20	0	-43
Britt Humboldt Mason City Northwood	North Central District									
	57	29	41	-13	0.23	-0.54	4.81	1.68	0	-36
	57	30	42	-13	0.18	-0.59	3.61	0.46	0	-32
	58	26	42	-11	0.28	-0.50	5.24	2.16	0	-29
	58	28	42	-10	0.20	-0.57	4.29	1.18	0	-28
Decorah Dubuque Elkader Independence Waterloo	North East District									
	61	24	41	-13	0.03	-0.81	1.69	-1.84	0	-35
	62	29	43	-10	0.15	-0.76	2.27	-1.58	0	-32
	62	24	42	-11	0.05	-0.79	2.83	-0.50	0	-49
	63	28	43	-10	0.08	-0.76	3.25	-0.22	0	-51
	60	26	43	-11	0.08	-0.76	2.67	-0.75	0	-37
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	60	27	45	-12	0.10	-0.76	3.18	-0.21	0	-46
	60	29	44	-10	0.09	-0.75	3.47	0.05	0	-37
	59	30	44	-12	0.08	-0.66	4.39	1.53	0	-36
	64	26	44	-11	0.03	-0.81	5.96	2.56	1	-39
	62	28	44	-12	0.04	-0.79	3.92	0.70	0	-40
	64	30	45	-9	0.10	-0.74	2.63	-0.79	1	-36
	61	27	45	-12	0.04	-0.77	5.25	2.21	0	-47
	60	30	43	-12	0.16	-0.60	2.65	-0.27	0	-42
	62	28	45	-11	0.02	-0.63	4.18	1.74	0	-45
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	66	29	46	-8	0.07	-0.79	3.56	0.11	2	-31
	64	27	44	-11	0.12	-0.73	2.91	-0.55	0	-39
	67	33	47	-9	0.02	-0.77	4.73	1.26	2	-46
	64	30	44	-10	0.02	-0.81	3.56	0.30	0	-35
	64	27	44	-10	0.05	-0.75	2.84	-0.48	0	-36
	66	32	46	-10	0.10	-0.74	4.03	0.66	2	-40
	64	32	45	-9	0.07	-0.76	3.61	0.35	1	-36
	64	29	44	-10	0.00	-0.86	2.00	-1.38	0	-32
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	67	27	45	-10	0.23	-0.54	2.90	-0.40	0	-40
	68	31	46	-9	0.14	-0.64	1.02	-2.34	3	-40
	69	31	48	-10	0.43	-0.48	3.03	-0.79	3	-48
	70	27	45	-10	0.34	-0.57	2.26	-1.62	1	-40
	66	27	44	-10	0.18	-0.59	1.26	-2.06	0	-33
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	61	26	44	-13	0.43	-0.47	4.29	0.77	0	-44
	62	29	45	-12	0.36	-0.49	4.36	1.28	0	-49
	62	30	45	-10	0.01	-0.76	3.32	0.23	0	-40
	63	30	46	-12	0.40	-0.51	3.10	-0.51	1	-53
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	60	30	44	-11	0.36	-0.48	3.47	0.02	0	-24
	59	29	43	-12	0.19	-0.65	5.03	1.62	0	-40
	63	26	45	-10	0.23	-0.65	4.41	0.75	1	-39
	67	30	46	-10	0.44	-0.47	5.04	1.33	2	-41
Bloomfield Burlington Ottumwa	South East District									
	63	33	47	-11	0.22	-0.68	3.85	0.21	1	-52
	67	35	48	-9	0.17	-0.67	3.64	0.03	4	-46
	65	30	46	-11	0.26	-0.58	4.17	0.76	0	-49

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.